

Figure 1

The effect of valve size and glycerol on FPM in FP50 μ g solution aerosols in HFA134a
(all tested with 0.22mm x 0.65mm actuator, except HFA134a suspension product, tested with 0.50mm x 1.50mm
actuator)

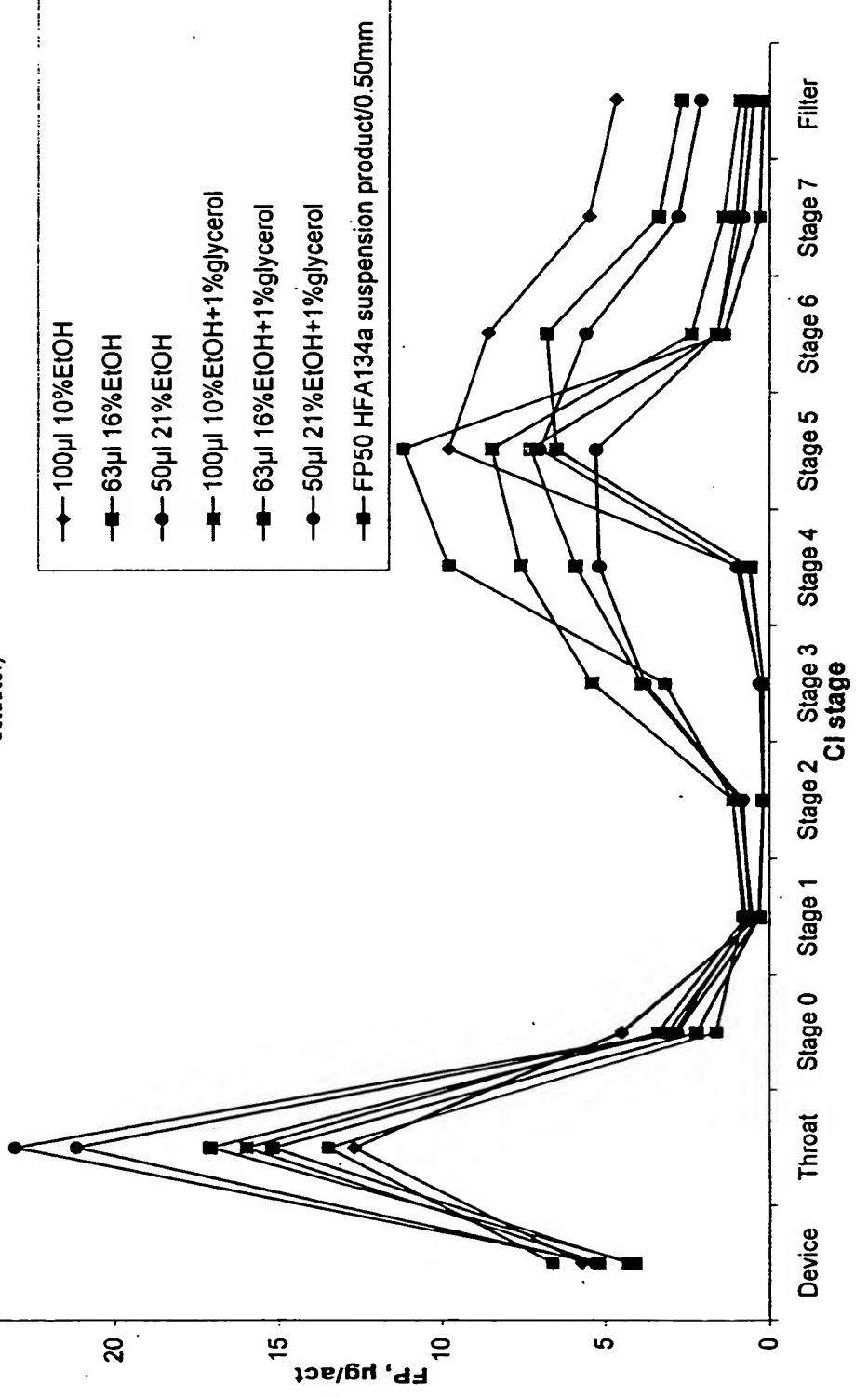


Figure 2

The effect of level of Ethanol on FPM in various FP/HFA134a solution aerosol formulation
with no addition of glycerol (various valve sizes),
(0.22mm x 0.65mm actuator, except HFA134a suspension product, tested with 0.50mm x 1.50mm actuator)

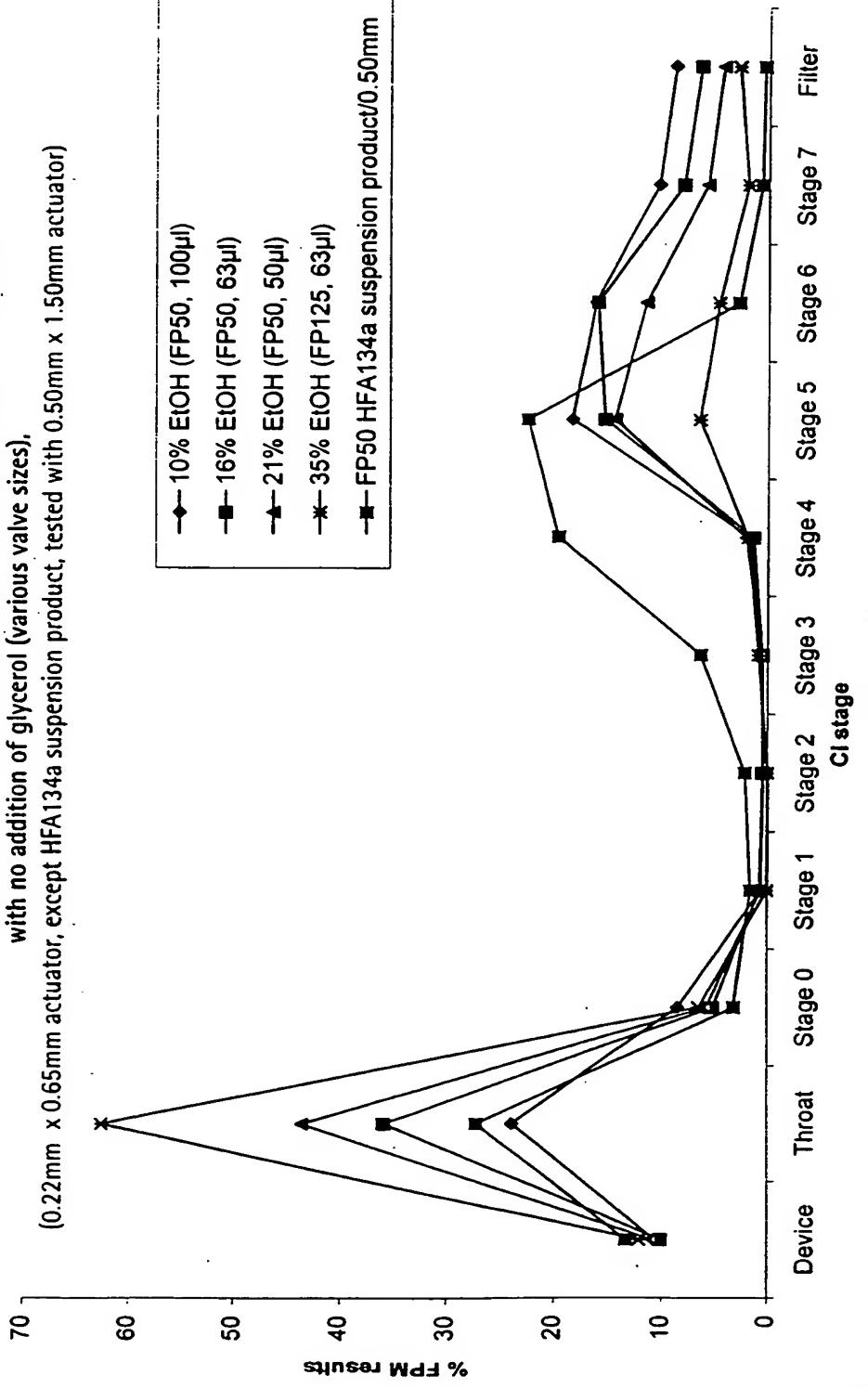


Figure 3

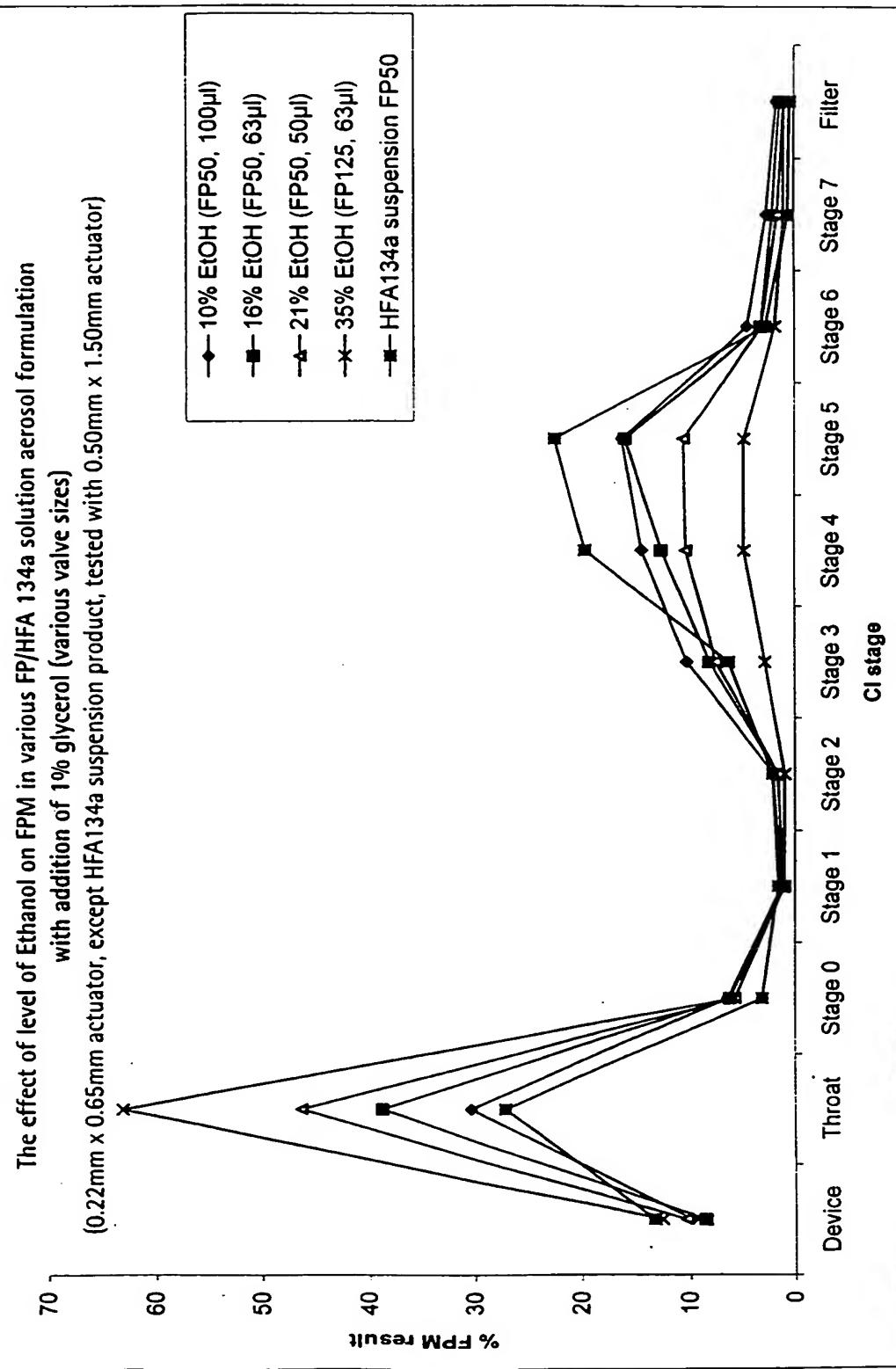


Figure 4

The effect of glycerol on FPM in FP/HFA134a 125 μ g solution aerosols containing 35% ethanol or 35% ethanol and 1% glycerol, 63 μ l valve (all tested with 0.22mm x 0.65mm actuator) - mean data

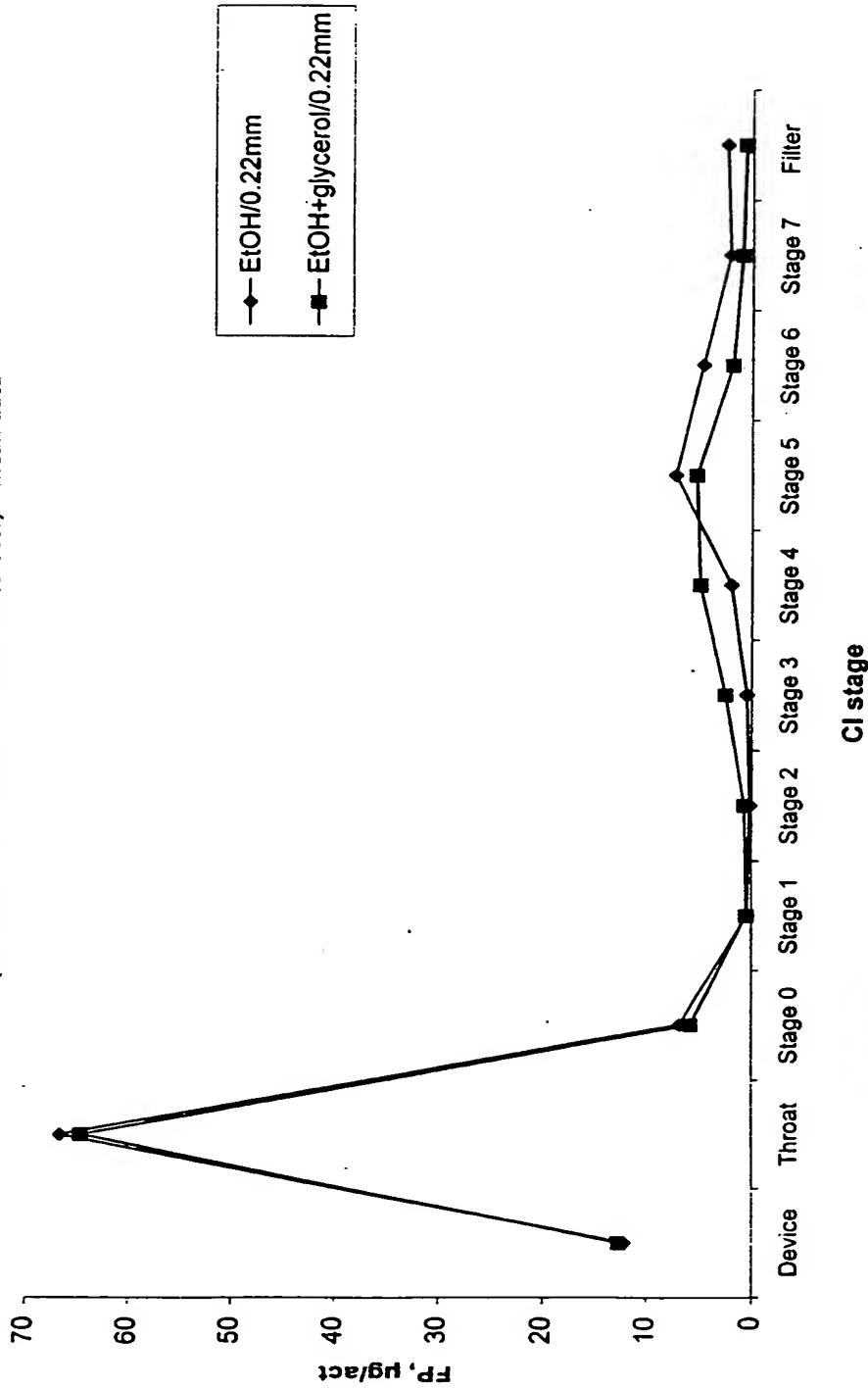


Figure 5

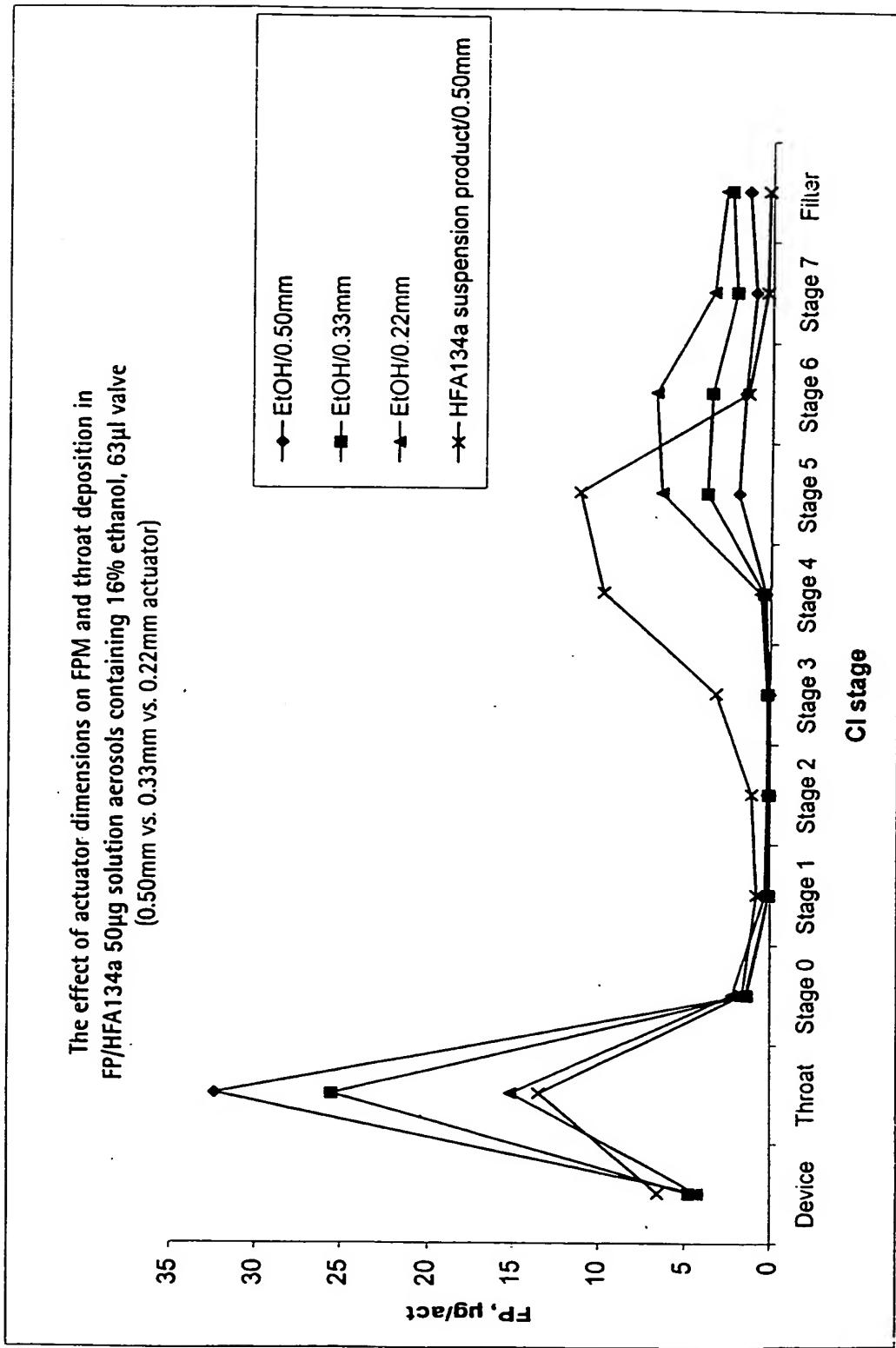


Figure 6

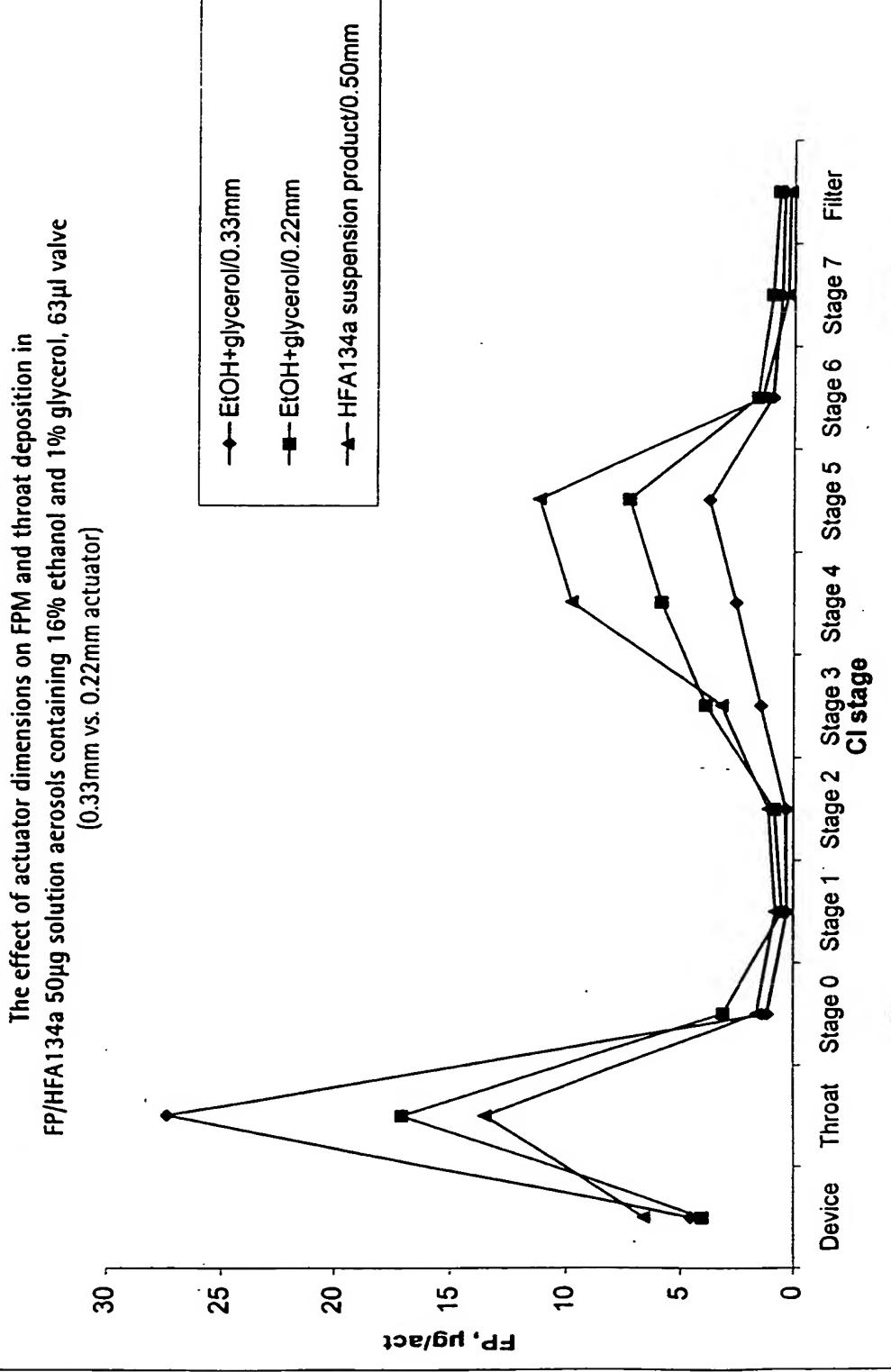


Figure 7

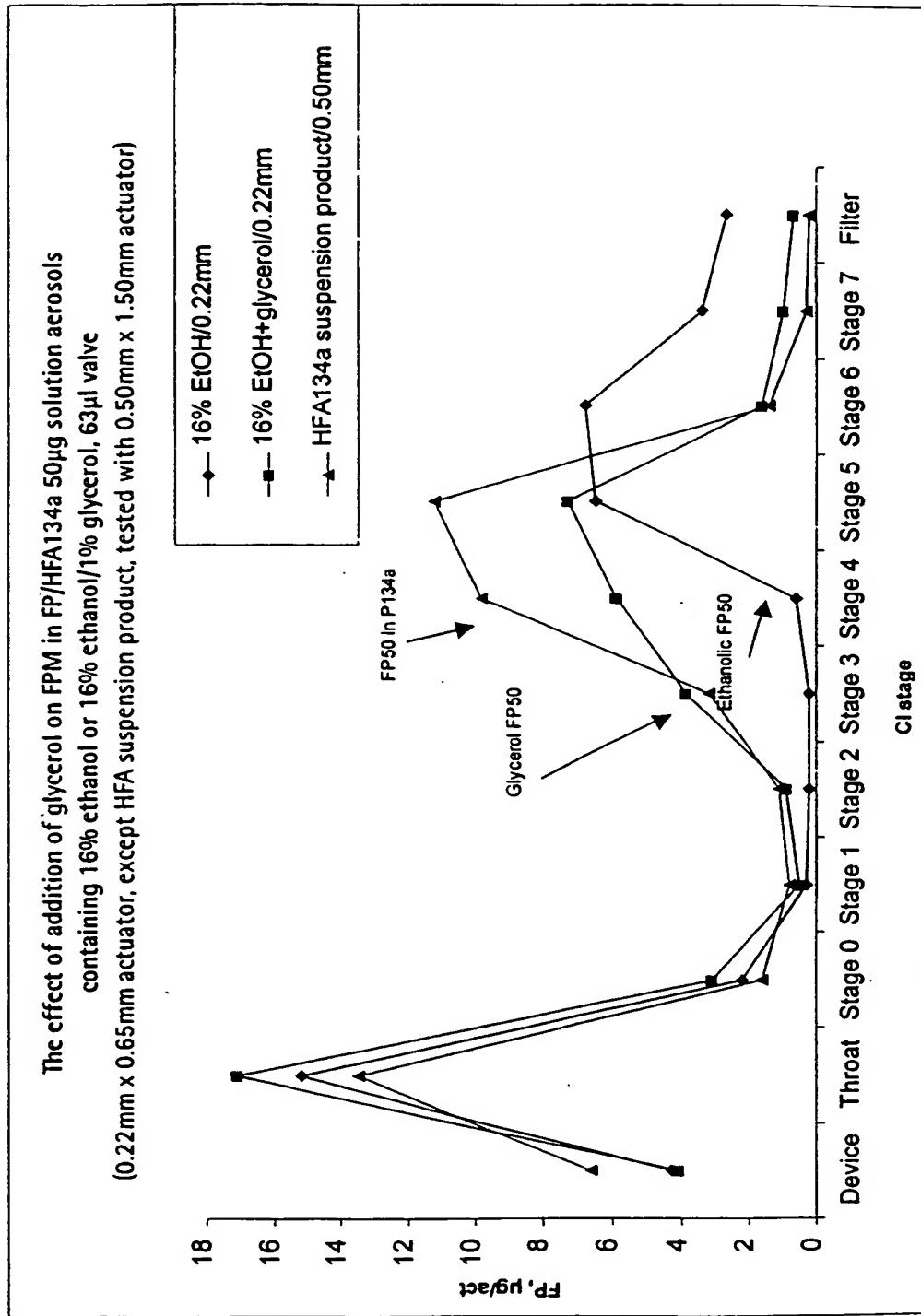


Figure 8

The effect of glycerol on FPM in FP/HFA134a 50 μ g solution aerosols containing 16% ethanol or 16% ethanol/1% glycerol (0.33mm actuator)

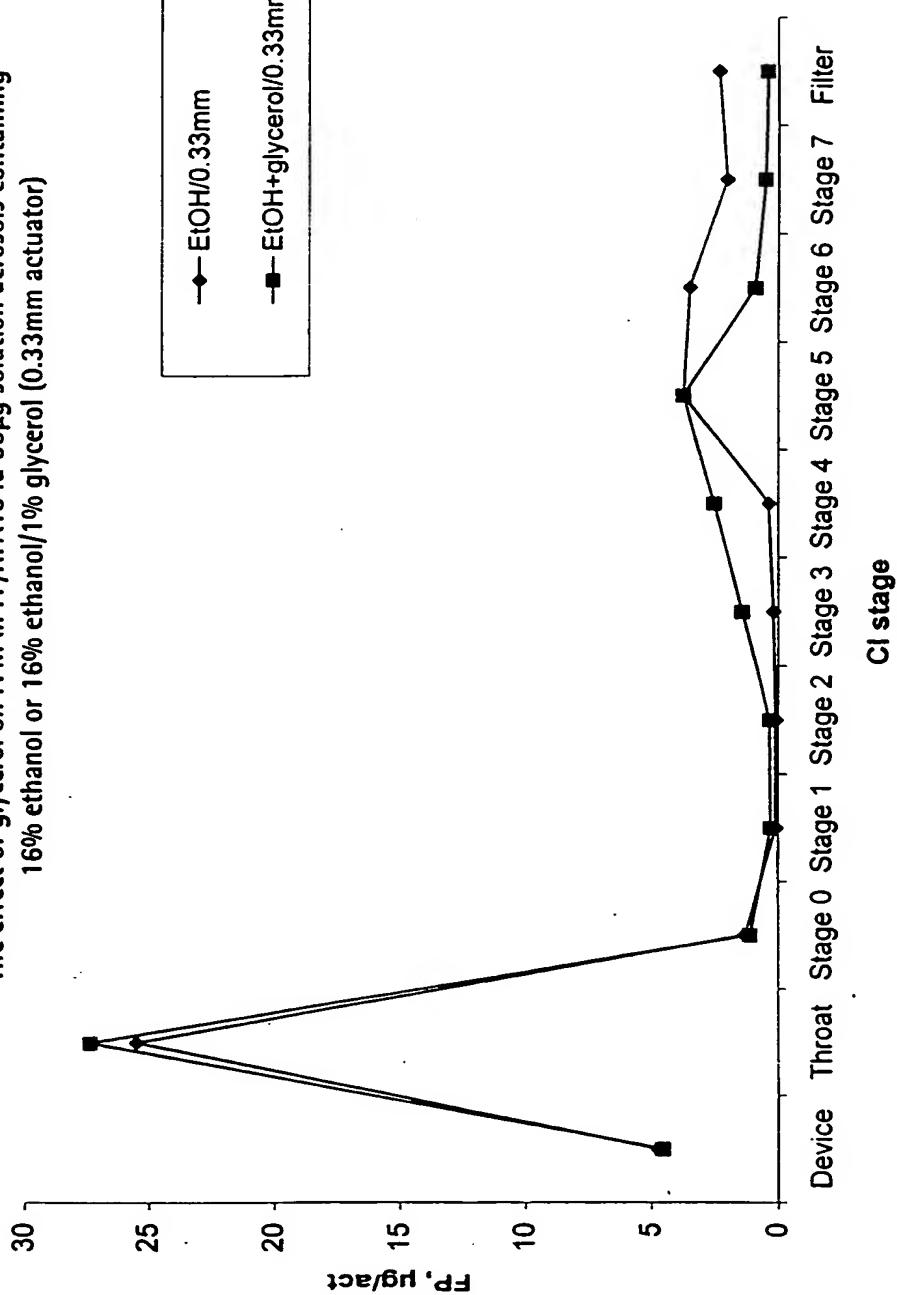


Figure 9

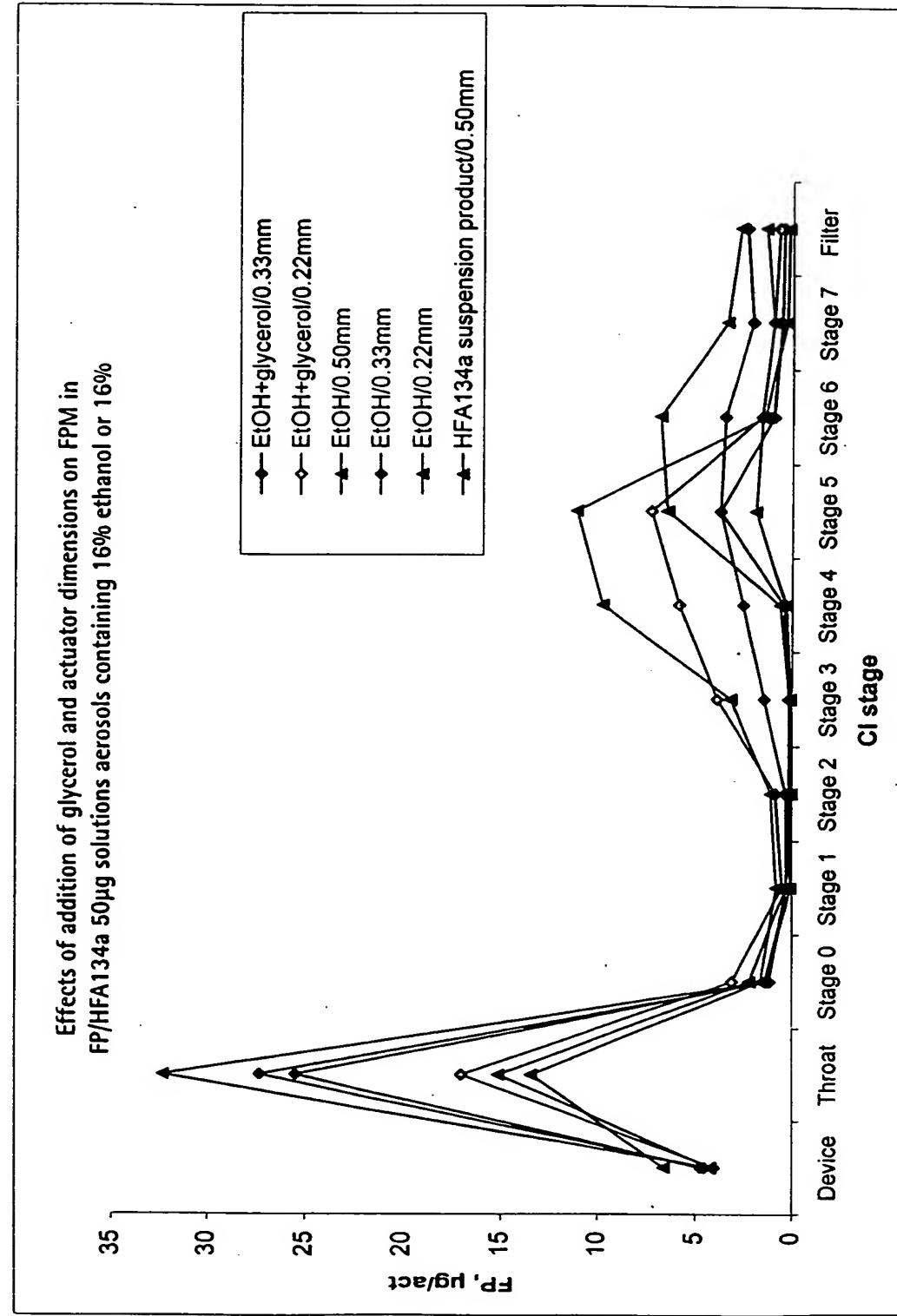


Figure 10

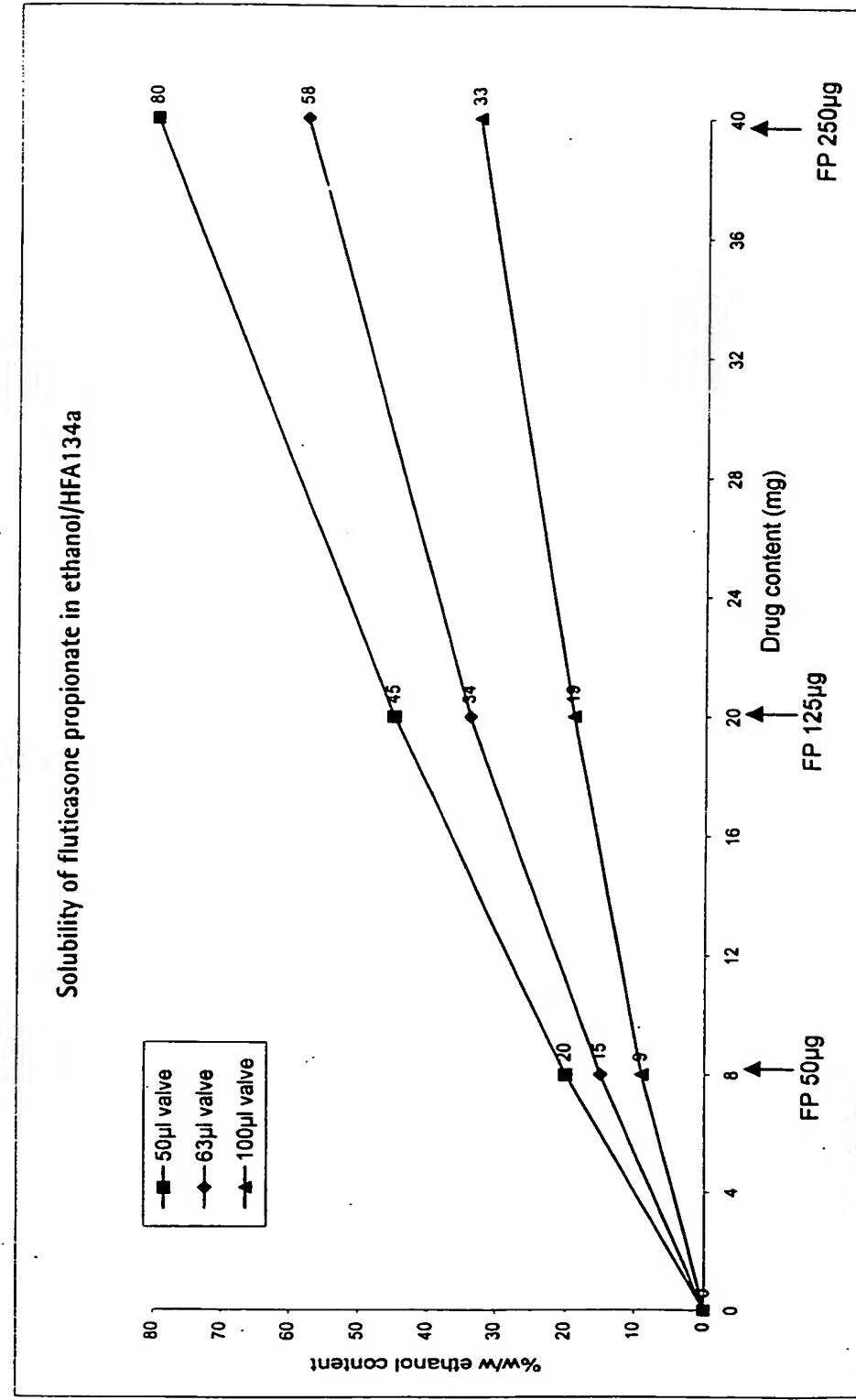


Figure 11

The effect of addition of glycerol on FPM in FP/HFA134a 50 μ g solution aerosols containing 10% ethanol or 10% ethanol/1% glycerol, 100 μ l valve (0.22mm x 0.65mm actuator, except HFA suspension product, tested with 0.50mm x 1.50mm actuator)

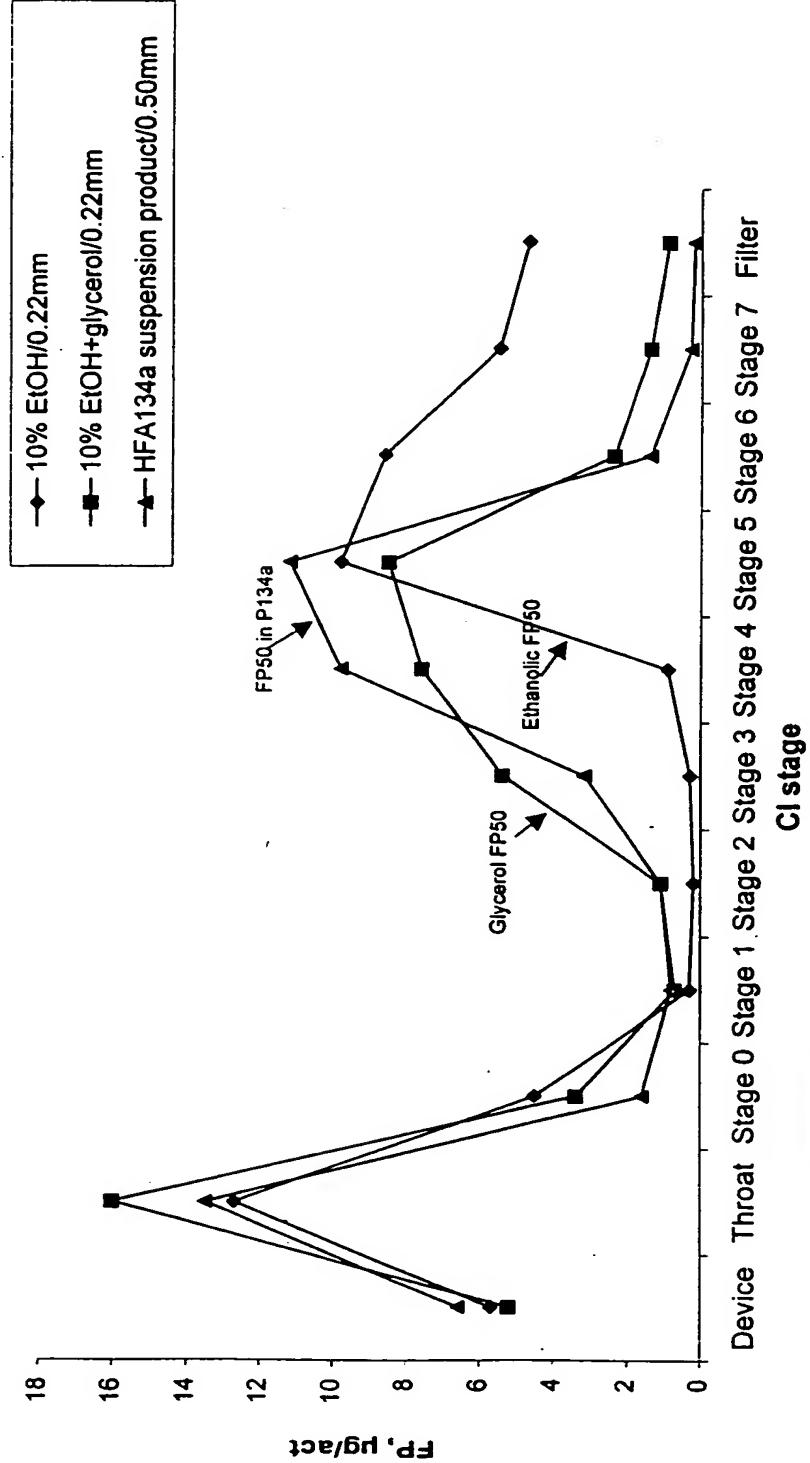


Figure 12

Effect of glycerol on MMAD of FP50 μ g solutions in HFA 134a-ethanol
(100 μ l valve, 0.22mm x 0.65mm actuator)

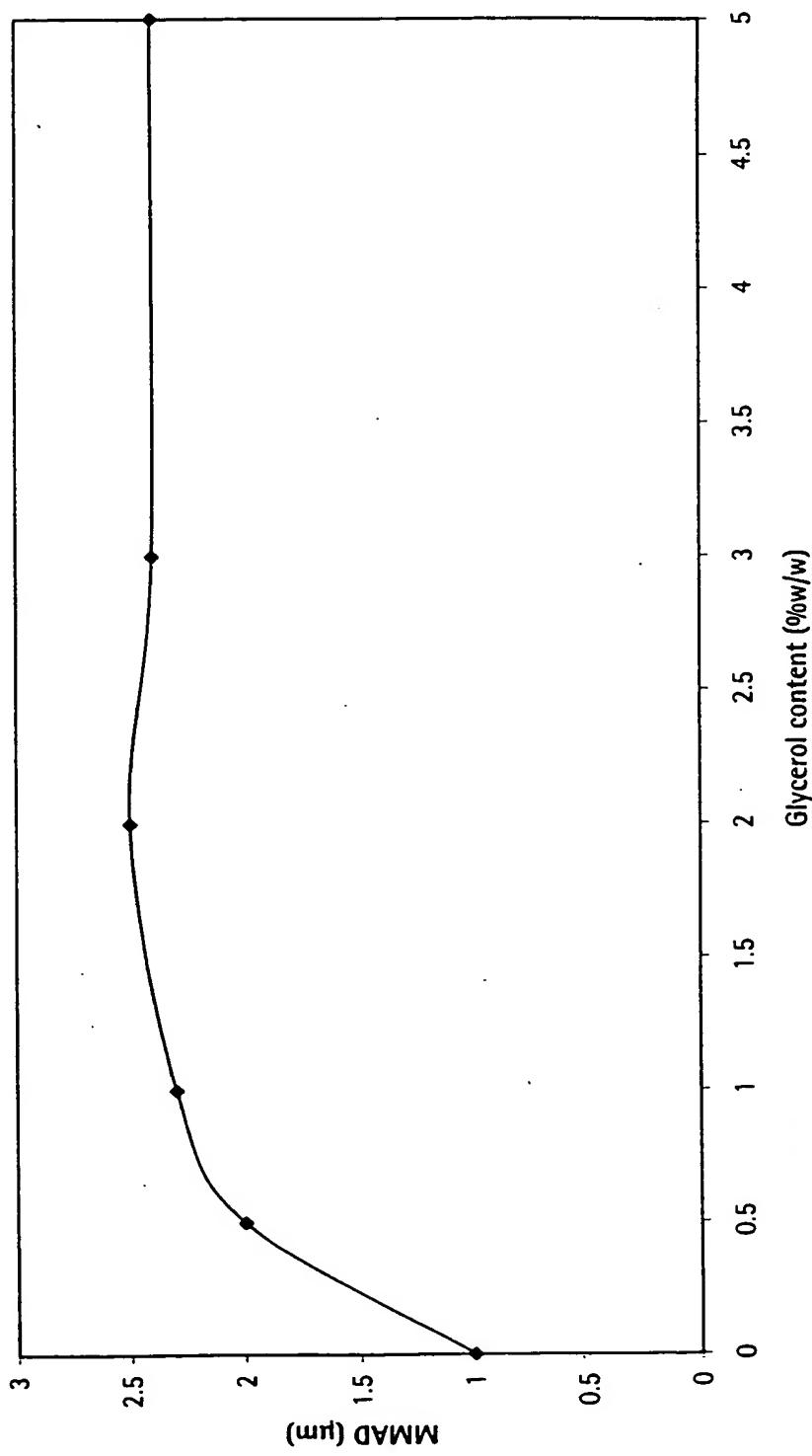


Figure 13

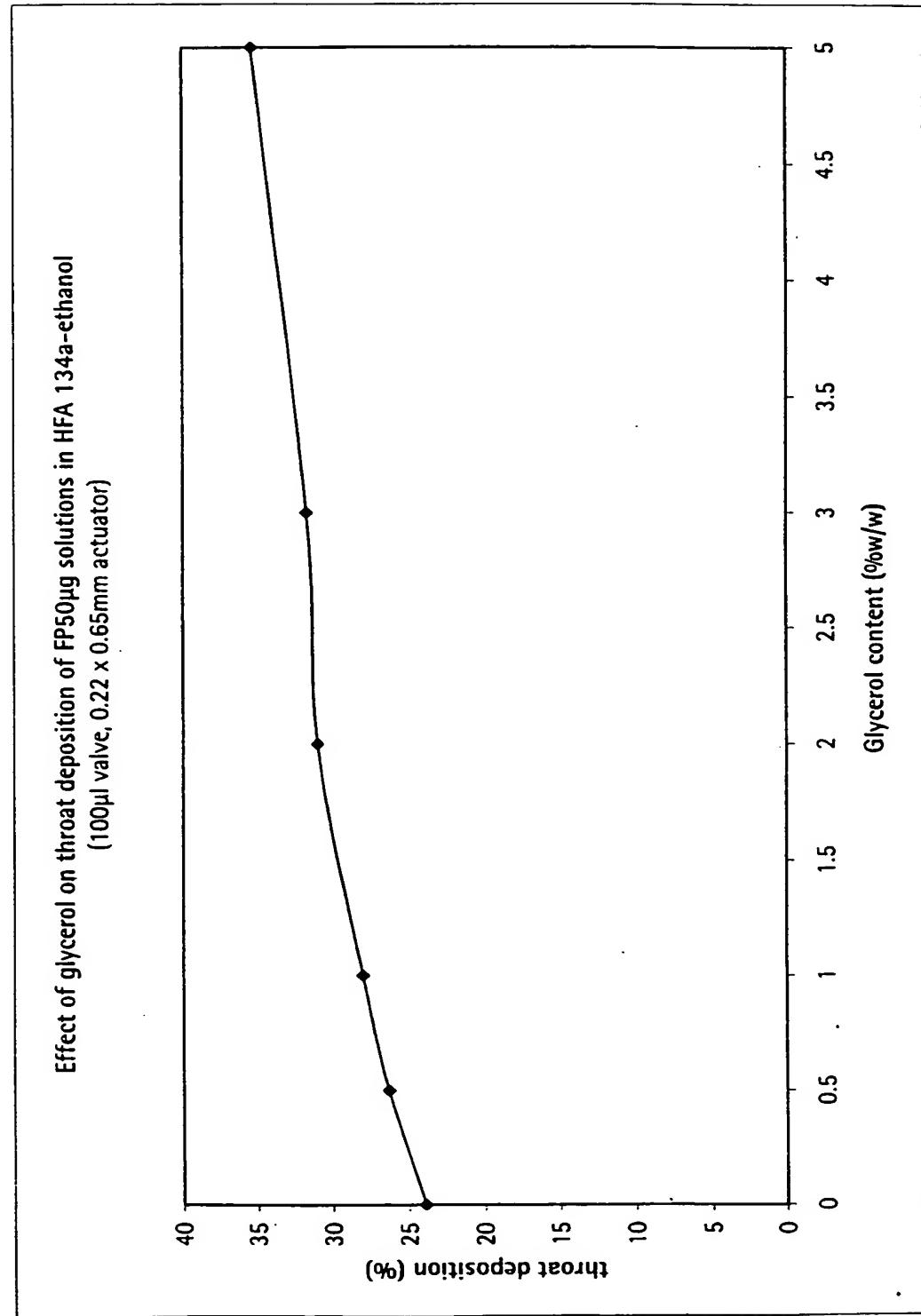


Figure 14

Effect of glycerol on stage 3-7 deposition for FP 50 μ g solutions in HFA 134a-ethanol
(100 μ l valve, 0.22 x 0.65mm actuator)

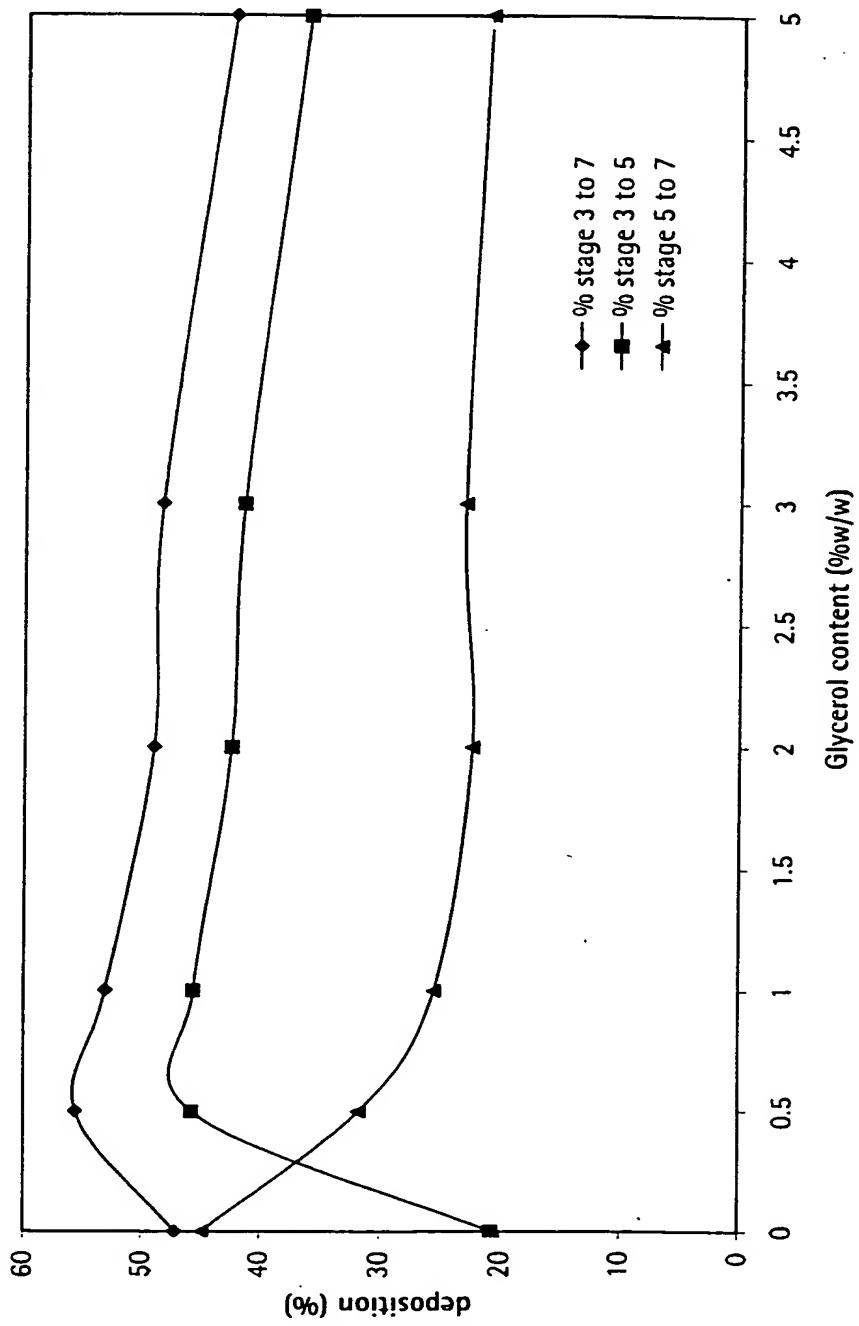


Figure 15

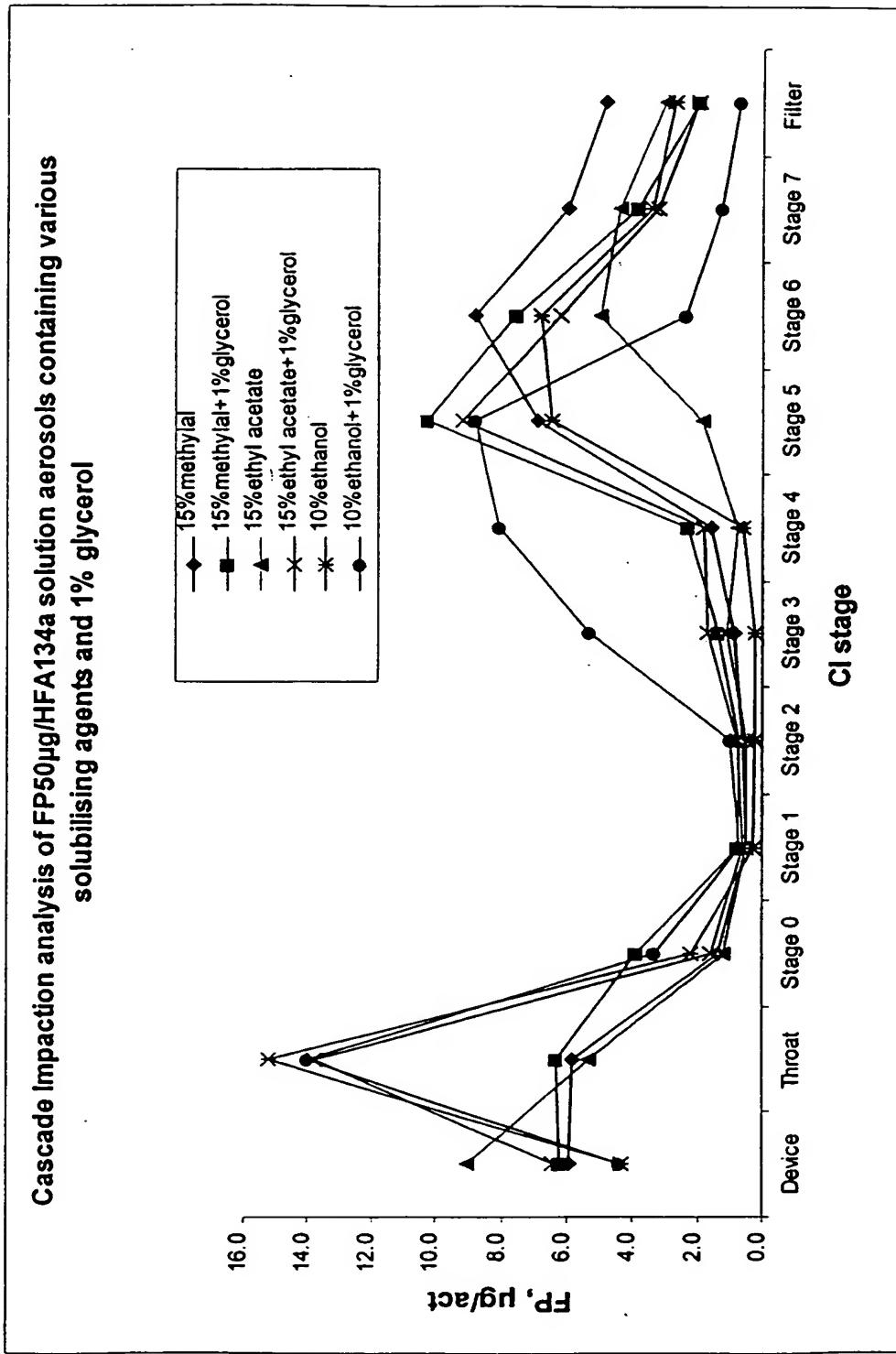


Figure 16

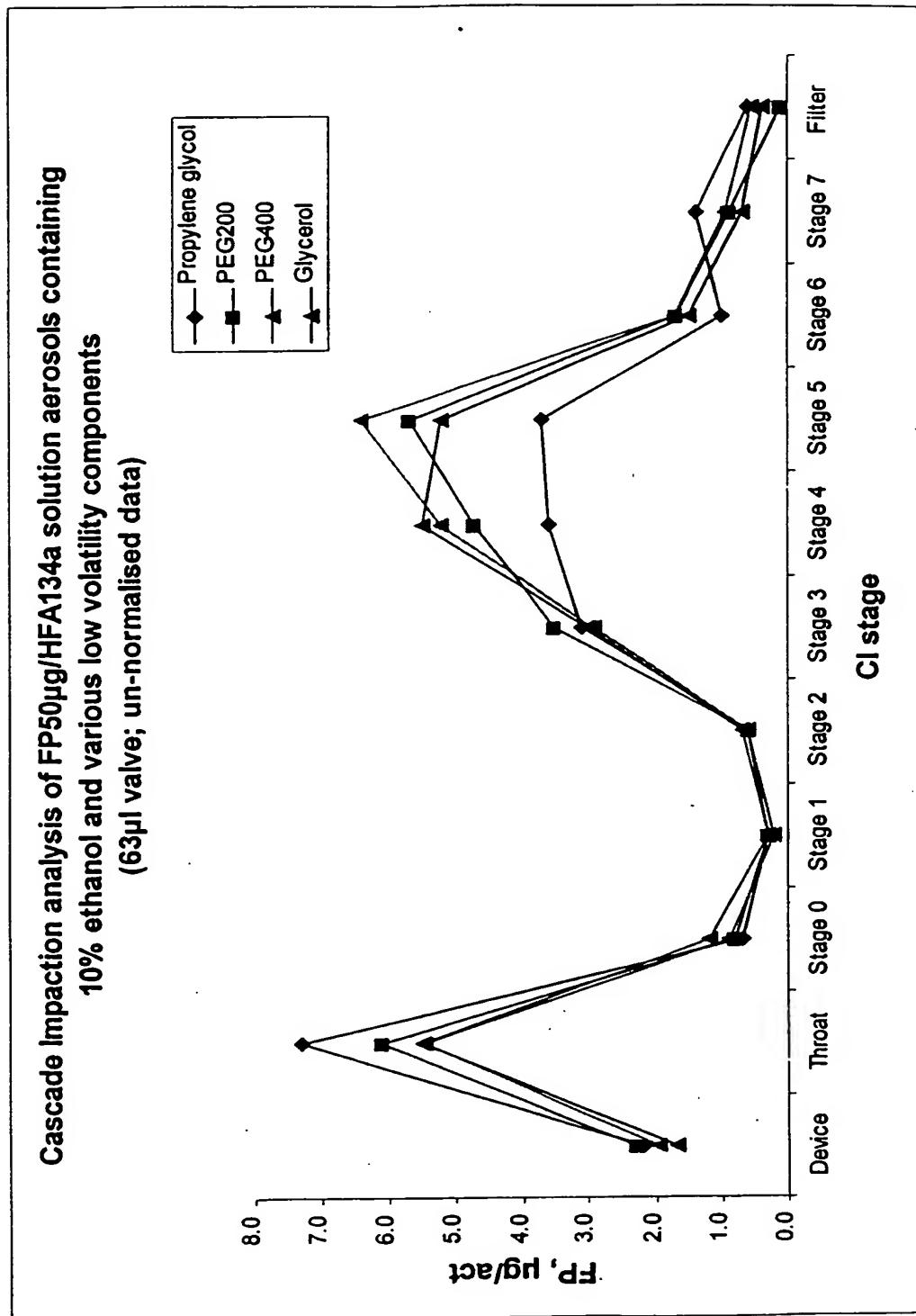


Figure 17

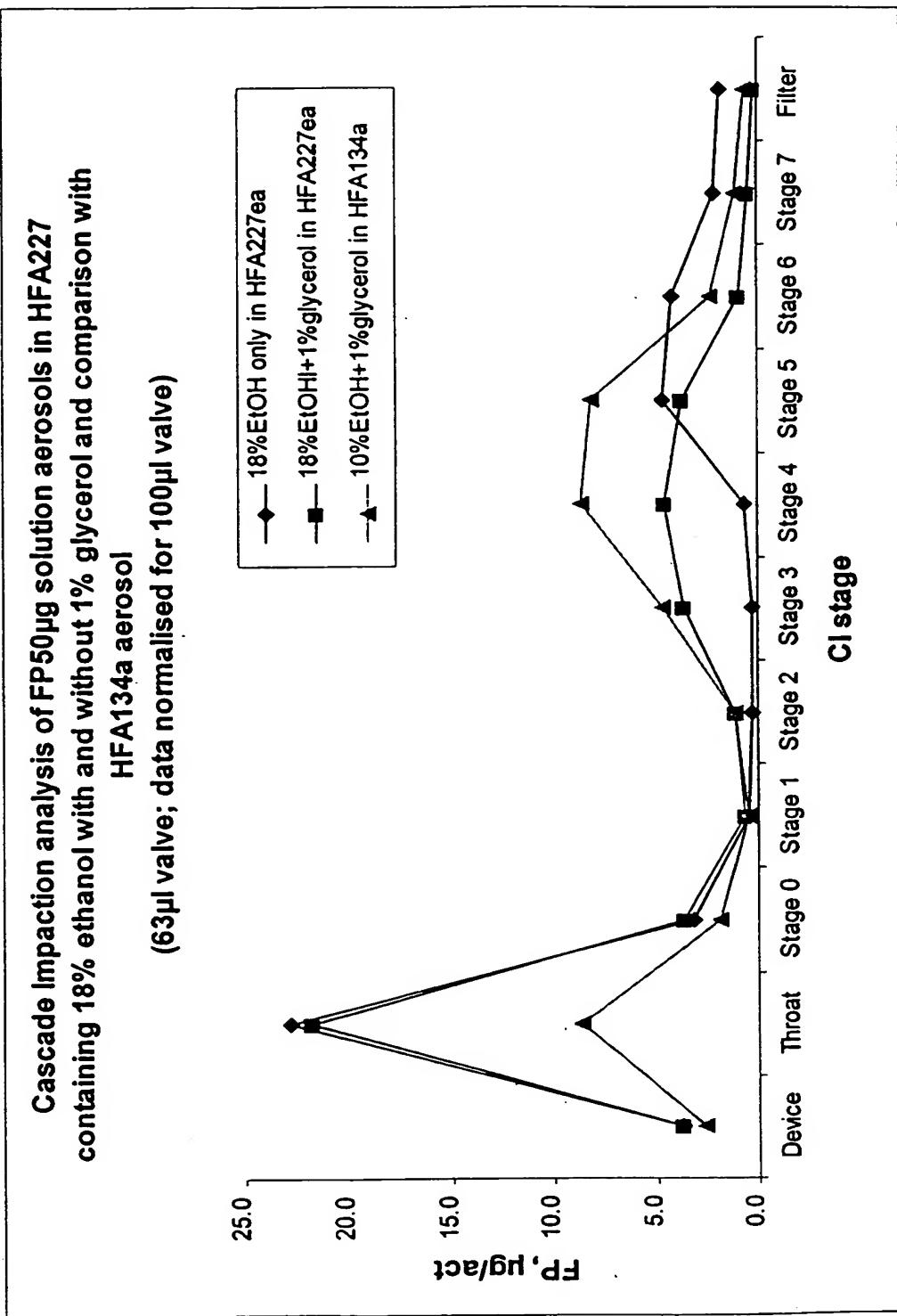


Figure 18

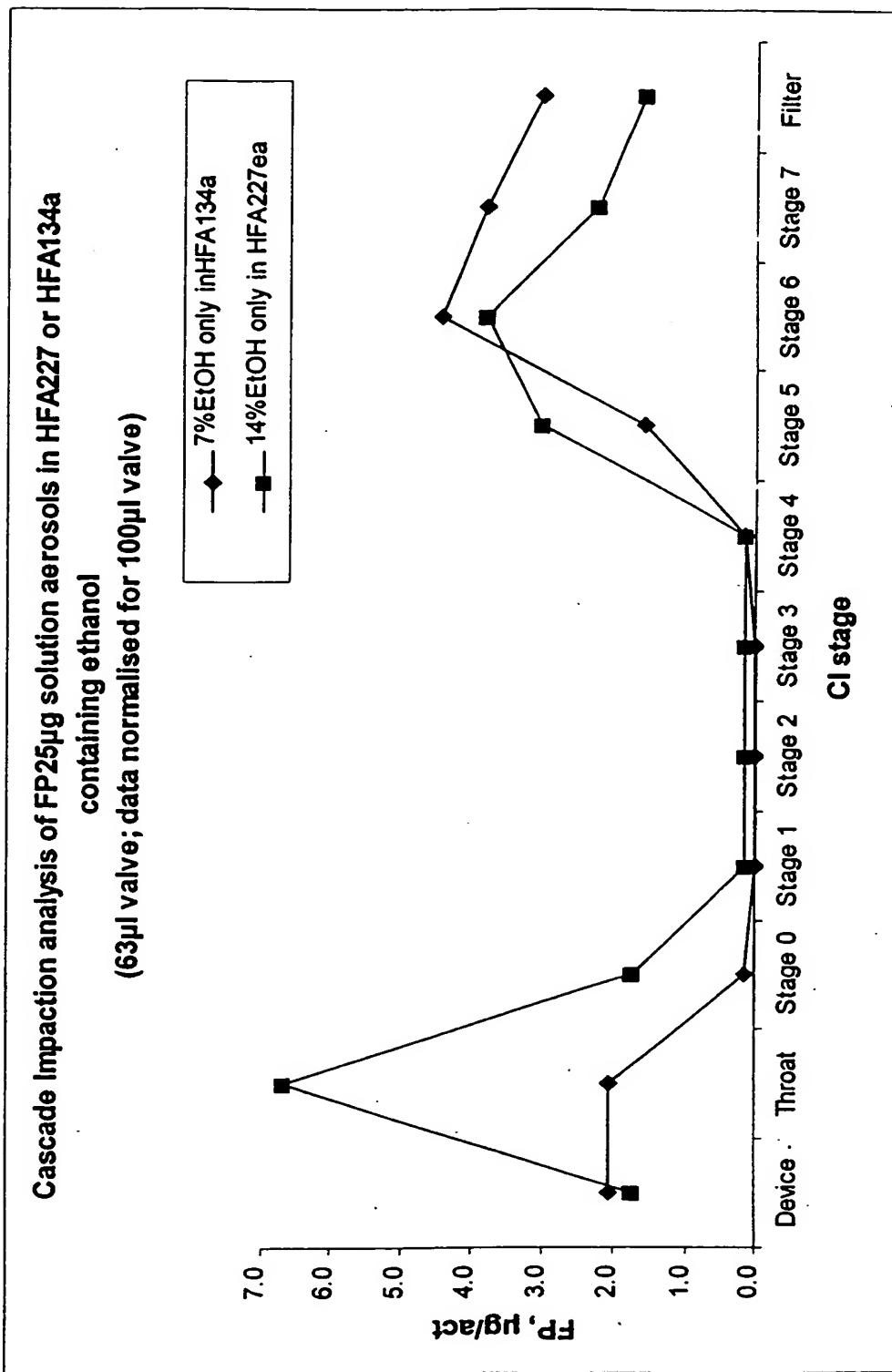


Figure 19

